1   19. (New) A method for validating that a sensor array detection ability

2   mimics a human nose detection ability, the method comprising:

3   (a) contacting said sensor array with a 10% fraction of a known vapor

4   pressure of a first odorant to produce a first response intensity;

5   (b) contacting said sensor array with a 10% constant fraction of a known

6   vapor pressure of a second odorant to produce a second response intensity;

7   (c) comparing said first response intensity to said second response

8   intensity; and

9   (d) determining whether said response intensities are similar, thereby

10   validating that said sensor array response detection ability mimics said human nose

11   detection ability.

1   20. (New) A method in accordance with claim 19, wherein said sensor

2   array comprises at least two sorption-based sensors which are members selected from the

3   group consisting of a chemiresistors, a conducting/nonconducting regions sensor, a SAW

4   sensor, a metal oxide gas sensor, a bulk conducting polymer sensor, a Langmuir-Blodgett

5   film sensor, and combinations thereof.

REMARKS

Claims 9-15 and 17-20 are pending in this application and presented for examination. Claims 19 and 20 has been newly added. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version with markings to show changes made".

New claim 19 finds support in claims 9 and 18; new claim 20 finds support in claim 10. As such, Applicants believe no new matter has been added and respectfully request that the Examiner enter the new claims.